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Date: November 30, 2004

I hereby certify that, on the date indicated above, I deposited this paper with identified attachments and/or fee with the U.S. Postal Service and ~~the~~ addressed for delivery to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 by "First Class Mail" service.

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Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: REZNEK et al.

Examiner: Lyle Alexander

Application No.: 10/649,347

Group Art Unit: 1743

Filed: August 27, 2003

Confirmation No.: 4170

Docket No. CBK03072 (3600-374-22)

For: METHODS OF PROVIDING PRODUCT CONSISTENCY

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

November 30, 2004

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. Pursuant to the current United States Patent and Trademark Office rules, no copies of U.S. Patents/Patent Application Publications are provided.

This Supplemental Information Disclosure Statement is being submitted after expiration of the three-month period following filing of the above-captioned application, but before an Office Action on the merits and before any Final Office Action or Notice of Allowance.

Should a first Office Action cross in the mail with the filing of this Supplemental Information Disclosure statement, then applicants respectfully petition under 37 C.F.R. § 1.97(c) to consider the documents set forth in the Supplemental Information Disclosure Statement.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. *See* 37 CFR 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application,

The applicant did not receive the following disclosures(s)

Supplemental Information Disclosure Statement
U.S. Patent Application No. 10/649,347

and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in this application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

It is believed that no fee is required to make this a complete and timely filing. However, if it is determined that a petition or fee is required, the Commissioner is hereby authorized to charge any fee associated with this statement to our Deposit Account No. 50-0925 and please consider this a petition.

Respectfully submitted,


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FORM PTO-1449 (REV 7-80)	DEC 02 2003	Atty Docket No. BK03072 (3600-374-22)	Application No. 10/649,347
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		APPLICANT: REZNEK et al.	
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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE, IF APPROPRIATE
	5,190,739	5/2/93	MacKay et al.	423	450	
	5,211,932	5/18/93	Blaylock et al.	423	450	
	5,688,317	11/18/97	MacKay et al.	106	476	
	5,974,167	10/26/99	Reszler	382	141	
	6,156,837	12/5/00	Branan, Jr. et al.	524	495	
	2003/0162876 A1	8/28/03	Vanier et al.	524	437	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

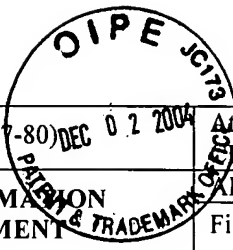
	Attachment A - Development History
	Strom, "Wetting studies related to offset printing," Vol. 50-04C, pp. 768 (1988) Abstract only
	Tikhonov, "On the evaluation of the work of adhesion, cohesion, and surface tension of high - viscous and solid bodies," Kolloidn Zh, Vol. 53, No. 3, pp. 552-558 (1991) Abstract only
	Janczuk, et al., "Surface free energy components and adsorption properties of some porous glasses," Mater Chem Phys. Vol. 25, No. 2, pp. 185-198 (1990) Abstract only
	Janczuk, et al., "Surface free energy of celestite and its flotation activity," Colloids Surf. Vol. 35, No. 1, pp. 41-48 (1989) Abstract only
	Wojcik et al., "Gas-adsorption studies on correlations between the flotability of minerals and the work of water adhesion to their surfaces," Colloids Surf. Vol. 30, No. 3-4, pp. 275-285 (1988) Abstract only
	Lipatov, "Adhesion at the polymer mixtures-solid interface," Vide, Couches Minces, Vol. 50 (274), pp. 415-420 (1994) Abstract only
	Hill, "Wall slip in polymer melts: A pseudo-chemical model," J. Rheol. Vol. 42, No. 3, pp. 581-601 (1998) Abstract only
	Scheie, "The upward force on liquid in a capillary tube," Am. J. Phys. Vol. 57, No. 3, pp. 278-289 (1989) Abstract only
	Lee et al., "Effects of polymer-filler interaction on the mechanical properties of nylon 6,6 filled with organosilane-treated fillers," J. Adhes. Sci. Technol., Vol. 3, No. 4, pp. 291-303 (1989) Abstract only
	Abramzon et al., "Determination of the work of adhesion and cohesion" ZH. Prikladnoi Khim, Vol. 53, No. 5, pp. 1040-1043 (1980) Abstract only
	Mangipudi et al., Direct measurement of molecular level adhesion between poly(ethylene terephthalate) and polyethylene films: Determination of surface and interfacial energies," J. Adhesion Sci. Technol., Vol. 8, No. 11, pp. 1251-1270 (1994) Abstract only
	Owen, "Surface properties of silicone release coatings," Proc. First Internat. Congress on Adhesion Science and Technology, pp. 255-263 (1995) Abstract only
	Kaya, "The effect of pore fluid contamination on a selected physico-chemical parameters of fine grained soils (Adsorption, Conductivity), Vol. 57-05B, p. 3354 (1996) Abstract only

FORM PTO-1449 (REV 7-80)	DEC 07 2004 O I P E J C I 7 3 PATENT & TRADEMARK OFFICE	Attorney Docket No. CEP 03072 (3600-374-22)	Application No. 10/649,347
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		APPLICANT: REZNEK et al. Filing Date: August 27, 2003	Group Art Unit: 1743

	Qin, "Adhesion properties of polymeric materials (Asphalts, Cohesion), Vol. 57-02B, p. 1260 (1995) Abstract only
	Stepanov, "Electrocapillary behaviour of liquid bismuth in binary melts of strontium chloride with sodium and cesium chlorides," Ehlektrokhimiya, Vol. 30, No. 8, pp. 1032-1038 (1994) Abstract only
	Kulawik, et al., "Kinetics of the molecular interactions in some extraction system," ISEC '88 International solvent extraction Conference, Vol. 2, pp. 77-78 (1988) Abstract only
	Nardin et al., "Stress transfer analysis in fibre/elastomer interfaces," Comptes-Rendus des Huitiemes Journées Nationales sur les Composites, "pp. 289-300 (1992) Abstract only
	Maugis, "Adherence and Fracture Mechanics," Adhesive Bonding, pp. 303-335 (1991) Abstract only
	Wan et al., "Surface forces at crack interfaces in mica in the presence of capillary condensation," Acta Metallurgica et Materialia, Vol. 38, No. 11, pp. 2073-2083 (1990) Abstract only
	Savenko et al., "Effect of diamond-like carbon coatings on the mechanical properties of subsurface layers of single crystals of silicon," Physics and Chemistry of Materials Treatment, Vol. 31, No. 2, pp. 149-153 (1997) Abstract only
	Lellig et al., "Glass and polymer: wetting and adhesion," Glass Science and Technology, Vol. 69, No. 11, pp. 357-367 (1996) Abstract only
	Maugis, "Adherence of elastomers: fracture mechanics aspects," Journal of Adhesion, Vol. 23, No. 1, pp. 61-66 (1987) Abstract only
	Riande et al., "Fundamental aspects of the adhesion of polymers," Revista de Plasticos Modernos, Vol. 80, No. 530, pp. 170-179 (2000) Abstract only
	Gilbert, "Surface treatments for particulate fillers in plastics," Plastics Additives. AN A-Z reference, pp. 590-603 (1998) Abstract only
	Maltese, "Interfacial energy between polymers," Materie Plastiche ed Elastomeri, Vol. 64, Nos. 1/2, pp. 74-78 (1999) Abstract only
	Cherry et al., "Predicting work of adhesion using molecular modeling," Adhesion '96, Conference Proceed., Vol. 1, pp. 299-304 (1996) Abstract only
	Feinerman et al., "Rule of interfacial equilibrium," J. Adhesion, Vol. 60, Nos. 1-4, pp. 99-112, (1997) Abstract only
	Geraghty et al., "Investigation of parameters influencing bioadhesive properties of myverol 18-99/water gels," Biomaterials, Vol. 18, No. 1, pp. 63-67 (1997) Abstract only
	Wimolkiatisak et al., "Directly paintable, high adhesion polyolefin compounds, Plast' 21 No. 43, pp. 44-47 (1995) Abstract only
	Drzal, et al., "Adhesion of carbon fibres to polycarbonate matrices: interphase composition and structure," Antec '95. Vol. II, Conference Proceedings, pp. 2877-2881 (1995) Abstract only
	Moore, "Wetting in rubber-to-metal bonding agents," Rubb. Plast. News, Vol. 24, No. 7, pp. 17-18 (1994) Abstract only
	Mangipudi et al., "Adhesion of thin polymer films: Effects of surface and interfacial energies and rheological properties," Antec '93 Conference Proceedings, Vol. III, pp. 3099-3100, (1993) Abstract only
	Bautista et al., "Surface characterization of polypropylene used as a matrix in composite materials," Rev. Plast. Mod. Vol. 66, No. 449, pp. 505-509 (1993) Abstract only

FORM PTO-1449 (REV 7-80)	DEC 02 2004	App. Docket No. K03072 (3600-374-22)	Application No. 10/649,347
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		APPLICANT: REZNEK et al. Filing Date: August 27, 2003	Group Art Unit: 1743

	Pritykin et al., "New thermodynamic characteristics of polymer adhesive properties," International Adhesion Conference, p 11.1-3 (1984) Abstract only
	Moskvitin, "Physicochemical Principles of Gluing and Adhesion processes, NSF, Rpt. No. SFCSI-Agr (TT-68-50368, p. 197 (1969) Abstract only
	Mayne, "Further developments with epoxy/polyamine films," Corros. Sci., Vol. 35, Nos. 5/8, pp. 1359-1361 (1993) Abstract only
	Padday, "Spreading, wetting, and contact angles," J. Adhes. Sci. Tech., Vol. 6, No. 12, pp. 1347-1358 (1992) Abstract only
	Mark, "Future improvements in cohesive and adhesive strength of polymers. I.," Adhesives Age, Vol. 22, No. 7, pp. 35-40 (1979) Abstract only
	Hansen, "The three dimensional solubility parameter - key to paint component affinities: I. Solvents, Plasticizers, Polymers, and Resins," Journal of Paint Technology, Vol. 39, No. 505, pp. 104-117 (1967)
	Hansen, "The three dimensional solubility parameter - key to paint component affinities: II and III - II. Solvents, Plasticizers, Polymers, and Resins," Journal of Paint Technology, Vol. 39, No. 511, pp. 505-510 (1967)
	Hansen, "III. Independent calculation of the parameter components," Journal of Paint Technology, Vol. 39, No. 511, pp. 511-514 (1967)
	Hansen et al., "On the use of cohesion parameters to characterize surfaces," J. Adhesion, Vol. 15, pp. 275-286 (1983)
	Hansen, "Cohesion parameters for surfaces, pigments, and fillers," Surface Coatings International Vol. 8, pp. 386-391, (1997)
	Shareef et al., "Suspension interaction of pigments in solvents: characterization of pigment surfaces in terms of three-dimensional solubility parameters of solvents," Journal of Coatings Technology, Vol. 58, No. 733, pp. 35-44 (1986)
	Vinther, "Application of the concepts solubility parameter and pigment charge," Chemie des Peintures Engl. Vol. 34, No. 10, pp. 363-372 (1971)
	Schreiber, "Solvent balance, dispersion and rheological properties of pigmented polymer compositions," Journal of Paint Technology, Vol. 46, No. 598, pp. 35-39 (1974)
	Burrell, "The challenge of the solubility parameter concept," Journal of Paint Technology, Vol. 40, No. 520, pp. 197-208 (1968)
	Trudgian, "The pattern of solvent-resin-pigment affinities," Official Digest, Presented at the 41 st Annual Meeting of the Federation of Societies for Paint Technology, pp. 1210-1231 (1963)
	Schroder, Colloid chemistry aids to formulating inks and paints, Harmonization of the energetics of raw materials by using the solubility parameter concept," Vol. 5, No. 98, pp. 334-340 (no date)
	Chasey, "Methods for evaluating oil/polymer interactions in carbon black filled compounds," Rubber World, pp. 35-40 (1993)
	Wolff, et al., "Filler-elastomer interactions. Part VII. Study on bound rubber," Rubber Chemistry and Technology, Vol. 66, No. 2, pp. 163-177 (1993)
	Barton, "CRC Handbook of solubility parameters and other cohesion parameters," pp. 1-21, (1991)
	Kaya, et al., "Interfacial parameters and work of adhesion in soil-liquid systems," Geotechnical Testing Journal, Vol. 23, No. 4, pp. 464-471 (2000)



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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANT: REZNEK et al.	
	Filing Date: August 27, 2003	Group Art Unit: 1743

	Skaarup, "The three dimensional solubility parameter and its use - II. Pigmented Systems," pp. 28-42 (no date)
	Grubenmann, "The solvent dependence of the solubility of organic solids, and solubility parameter theory: investigation by means of an organic pigment," Dyes and Pigments, Vol. 21, pp. 273-292 (1993)
EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	